

IPv6 Readiness Report

viewqwest.com.my — viewqwest.com.my



Scan to verify

Category: Telco • Generated: 13 Jun 2026, 19:05 MYT • Last Checked: 13 Jun 2026, 01:03 MYT • Verification ID: bf1f8813-13b8-47f9-bc47-77bf7552db58

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/bf1f8813-13b8-47f9-bc47-77bf7552db58>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>10%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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IPv4 ADDRESSES
202.73.56.144

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	WIMOBILIZE-NET
Country	SG
ASN	AS18106
ASN Name	VIEWQWEST-SG-AP - Viewqwest Pte Ltd, SG
Network (CIDR)	202.73.56.144/28

Web Services (35%)				0 / 8
#	CHECK	RESULT	DETAIL	
1	AAAA Record	FAIL	No AAAA record found in DNS.	
2	Globally Routable IPv6	FAIL	IPv6 address is not globally routable.	
3	HTTP over IPv6	FAIL	HTTP is not accessible over IPv6.	
4	HTTPS over IPv6	FAIL	HTTPS is not accessible over IPv6.	
5	IPv6-Only Reachability	FAIL	Site is not reachable when limited to IPv6-only.	
6	TLS Certificate Valid (IPv6)	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.	
7	Dual-Stack (IPv4 + IPv6)	FAIL	Domain is IPv6-only or IPv4-only.	
8	HTTP/3 (QUIC)	FAIL	No HTTP/3 support detected.	

DNS & DNSSEC (25%)				0 / 5
#	CHECK	RESULT	DETAIL	
1	NS Has AAAA Record	FAIL	No nameserver has an AAAA record.	
2	NS Reachable via IPv6	FAIL	No nameserver is reachable over IPv6.	
3	NS Answers Queries via IPv6	FAIL	Nameserver does not answer queries over IPv6.	
4	DNSSEC Validated	FAIL	DNSSEC validation failed or zone is unsigned.	
5	Reverse DNS (PTR)	FAIL	No PTR record found.	
6	DS Record at Parent	FAIL	No DS record at parent.	
7	RRSIG Valid	FAIL	No valid RRSIG found.	

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 0 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	FAIL	No MX record found in DNS.
2	MX Server Has IPv6	FAIL	MX server has no IPv6 address.
3	SMTP Reachable via IPv6	FAIL	SMTP is not reachable over IPv6.
4	STARTTLS over IPv6	FAIL	STARTTLS not available over IPv6.
5	SPF Record	FAIL	No SPF record found.
6	DKIM Selector	INFO	DKIM selector found: selector1_domainkey
7	DMARC Record	FAIL	No DMARC record found.

IPv4 Baseline (15%) 2 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	202.73.56.144
2	HTTP over IPv4	FAIL	HTTP is not accessible over IPv4.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 120ms TTFB.

Audit Trail & Evidence Record

Verification ID	bf1f8813-13b8-47f9-bc47-77bf7552db58
Domain	viewqwest.com.my
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:03:16 MYT
Finished	13 Jun 2026, 01:03:32 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/bf1f8813-13b8-47f9-bc47-77bf7552db58

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	b32984fee6a2de870cd4008c144e7299a04868b1e48b68c4ae297acca4a927d5
http_headers	bcda66fe7b0bdea7a31db3cdf75d5b09c5974da1879760494e90e2f3bc96b76d
dns_responses	ac8dd6b0514a87ab784404314f005346f9a75c165b8d978cceff9b6171601b4c
tls_handshake	cf1fc087f941ff1329a4756ea32b3a48e38bd793ccf655032823b4baa5a650e7
connectivity_log	737a4fa5bfe9a598a3cddc528fb695a01e4107d4decca1ea230a25732c848362
dns_resolution_times	a26b9b230c380d2d886a835022348c299469360cbc734ac9c575ac894e634db4

Test Node Identity

Os	Linux srv1440888 6.8.0-124-generic #124-Ubuntu SMP PREEMPT_DYNAMIC Tue May 26 13:00:45 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.31
Server Ipv4	76.13.221.142
Server Ipv6	2a02:4780:5e:2789::1

DNS Resolution Performance

Comparison of A (IPv4) vs AAAA (IPv6) query times across resolvers and transports. Shows median (p50) and 95th percentile (p95) of 3 samples per tuple.

Resolver	Transport	A p50 (ms)	A p95 (ms)	AAAA p50 (ms)	AAAA p95 (ms)	Delta (ms)
System	Default	7.94	18.24	14.28	19.04	+6.3
Google	IPv4	35.69	41.07	36.29	46.09	+0.6
Google	IPv6	27.83	38.33	21.27	29.64	-6.6
Cloudflare	IPv4	10.75	19.2	21.57	80.14	+10.8
Cloudflare	IPv6	22.87	23.56	24.65	33.55	+1.8

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 18575
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viewqwest.com.my. 600 IN A 202.73.56.144
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 55550
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3523 IN SOA e.nic.my. hostmaster.nic.my. 2026046677 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 10112
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
viewqwest.com.my. 3591 IN SOA donald.vqbn.com. helpdesk.light speed.com.sg. 2025101608 14400 3600 1209600 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 20954
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 3

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viewqwest.com.my. 3600 IN IN NS jerry.viewqwest.com.my.
viewqwest.com.my. 3600 IN IN NS tom.viewqwest.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2530
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viewqwest.com.my. 600 IN TXT "MS=ms71368582"
viewqwest.com.my. 600 IN TXT "v=spf1" "include:spf.protection.outlook.com" "include:spf.viewqwest.com" "include:_spf.salesforce.com" "-all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30110
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
viewqwest.com.my. 3591 IN SOA donald.vqbn.com. helpdesk.light speed.com.sg. 2025101608 14400 3600 1209600 3600
```

RRSIG

```
donald.vqbn.com. helpdesk.light speed.com.sg. 2025101608 14400 3600 1209600 3600
```

DNSKEY

```
;; Got answer:
```

```
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 62002
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
viewqwest.com.my. 3591 IN SOA donald.vqbn.com. helpdesk.lightspeed.com.sg. 2025101608 14400 3600 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
viewqwest.com.my. 3591 IN SOA donald.vqbn.com. helpdesk.lightspeed.com.sg. 2025101608 14400 3600 1209600 3600
```


TLS Handshake Evidence

IPV4 Connection

Table with 2 columns: IP Used (202.73.56.144), IP Version (4)

```
depth=2 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = E7
verify return:1
depth=0 CN = viewqwest.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = viewqwest.my
i:C = US, O = Let's Encrypt, CN = E7
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
v:NotBefore: Apr 27 18:45:13 2026 GMT; NotAfter: Jul 26 18:45:12 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDvTCCA0SgAwIBAgISBjnJogE0pYbbAD5cBn670+mLMAoGCCqGSM49BAMDMDIx
CzAJBgNVBAYTALVTMRyWFAyDVoQKewIMZQncYBFbmlNyeXB0MQswCQYDQGEwJF
NzAeFw0yNjA0MjcxODQ1MTNwFw0yNjA3MjYxODQ1MTJhMBCxFTATBgNVBAMTDHJp
ZXdxZDZVdC5teTBzMBMGByqGSM49AgEGCCqGSM49AwEHA0IABGRl4zWDFpXWRXy
rW//UAD6fNbuIb16w/Sf538z0EnRpb4sNK0x0soHUICDRCtBzYd+TAMtVfVjpdUA
DBXnn6+jggJTMIICTzA0BgNVHQ8BAf8EBAMCB4AwEwYDVR0LBAwwCgYIKwYBBQUH
AwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQU4uhs6K/3LS2FAQ4cJ0daYjvmWJMw
HwYDVR0jBBgwFoAUrkie3IcdRKBv2qLlyHQEeMKcAIawMgYIKwYBBQUHAQEJjAk
MCIGCCsGAQFBzACHhZodHRwOi8vZTcua5S5zW5jci5vcvcvMFEgA1UdEQRMKEiC
EHZpZXdxZDZVdC5jb20ubXmCDHZpZXdxZDZVdC5teYUd3d3LnZpZXdxZDZVdC5j
b20ubXmCEHd3dy52awV3cXdlc3QubXkwEwYDVR0gBAwwCjAIBgZngQwBAGewLQYD
VR0FBFYwJDAioCCGhoYcaHR0cDovL2U3LmMubGVuY3Iub3JnLz4M4LmNybdCCAQ0G
CisGAQ0BInkCBAIEgf4EgfsA+QB2AndtFRDRp/V3wsfpX9cAv/mCyTNaZeHQswFz
F8DIxwL3AAABndB4EsYAAAQDAEcwRQIG0WQZTMCLhqDWRcRj rR0B2IM+aCBYyUB0
G1K0VhTtVLMCIQC9cTXCmVUoA7L9I671LQ+sXsgzps2AwQMLWPwf8PQkWB/ABqL
nwsP/r+BtHk5xtIxCOBw0QLU8EBiGcyd419eJiXvAAAABndB4FF0ACAAABQAMPwFD
BAMASDBGAiEA7IAEp9x6i8NawzKl+Dz595B6niqaZ9FEtyv+3e4600CIQCqLERz
Lp+q0XABu8IknEYaLXKTlBFmJwFTliq6qEdTjzAKBggqhkjOPQDDAWnADBKAjBe
s6+avA+b2mNt5xbUvKxHnrfs7P6x4K450qj073eJCM27ycS/ZWj5ACuXyU7w7vMC
MATXeYyPJeJhiQ3i0AITSoLri6Mgi5ynLnWcF4vLQBfT655AWb8BbhaNck72rnlk
dw==
-----END CERTIFICATE-----
1 s:C = US, O = Let's Encrypt, CN = E7
i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIEvzCCAj+gAwIBAgIRAKp18eYrjwoiCwbTi7/UuqEwDQYJKoZIhvcNAQELBQAw
TzELMAKGA1UEBhMCVVMxKTAnBgNVBAoTIEUdLudGvYbmv0IFNLY3VyaXR5IFJlc2Vh
cmNoIEdyb3VwMRUwEwYDVoQGEwJUIHIFJvb3QwWDEwHhcnMjQwMzEzMDAwMDAw
WhcnMjcwMzEyMjM1OTU5WjAQM0swCQYDVoQGEwJlUzEwMBQGA1UEChMNTG03J3Mg
RW5jcnldwDELMAGKGA1UEAxMCRTRcWdJAQBgqkqhkjOPQIBBgUrgOQAIGNiAARB6AST
CFh/vjcwDMCQ0er+VtqEkz7JANurZxLP+U9TCeioL6sp5Z8VRvRbYk4P1INBmbeF
QHJFHCxcSjKmwTVGBWpL/9ra8HW00dsUaJW2QJqceJ0ZVFT3hbUHiFBM/2jgfgw
gfUwDgYDVR0PAQH/BAQDAgGMB0GA1UdJQQWMBQGCCsGAQUFBwMCBggrBgEFBQcD
ATASBgNVHRMBAf8ECDAGAQH/AgEAMBOGA1UdDgQWBBSuSj7chx1EoG/aouVgdAR4
wpwAgDAFBgNVHSMGDAGwBR5tFnme7b15AFzgaIiYBpY9umbbjAyBggrrBgEFBQcB
AQ0mMCQwIgwYIKwYBBQUHMAKGFmh0dHA6Ly94M5p5LmXlbnNyLm9yZy8wEwYDVR0g
BAwwCjAIBgZngQwBAGewJwYDVR0fBcAwhjAcoBggGIYwaHR0cDovL3g3LmMubGVu
Y3Iub3JnLz4ANBgkqhkiG9w0BAQsFAAOCAGEAjx66fDdLk5yWFn3CzA1w1qfyLHUD
aef0QZpXcJseddJGSfBUU0vbnR9N/QQ16K1LX14VfYhmGXDT5Kdfcr0RvIIVrNxF
h4LqHtRRCP6RBRstqbZ2zURgqakn/Xip0iaQL0IdfHBZr396FgknniRYFckKORPG
yM3QKnd66gtMt8I5nKRLAg/Jb+Gc3egIvugKwBoE1G89NTsN9LTDD3PLj0dUMr
0IuqVjLB8pEC6yk9enrlrjqXqgkLEyhXzq7dLaFv5VkiG6L0nuuqjqfp001bi1o
yVNA1Xe6aUXw92CgHC9bnSKE01+M52YYS+ofIXLS/SE0bvVYyBLZ5yeigLV6t3S
M6H+vTGOaP9YHzLn/KV0HzG0fXDP7qM5tkf+7diZe7o2fw607IvN6fsQXE0Qj8TJ
UXJxv2/uJhcuy/tSDgXwHMBUK34WnBR7zGTGkQRX0gsbjAea/jYAoWv0ZvRwpq
Pe79D/i7Cep8qWnA+7AE/3B3S/3dEEYm0lpe1366A/6GEGk3ktr9PEoQrLChs6I
tu3wnNLB2euC8IKGLQFpGt00/2/hiAKyjajaBP25w1jF0WL8Bbqne3uzZq1GyPfl
YRmT7/0Xpm0H/FVLtwS+8ng1cAmpCuJpWteJZNCdG0sF2n/sc0+SQf49fyUK0ty
+VUwFj9tmWxyR/M=
-----END CERTIFICATE-----
...
Server certificate
subject=CN = viewqwest.my
issuer=C = US, O = Let's Encrypt, CN = E7
...
No client certificate CA names sent
Peer signing digest: SHA256
```

```
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2456 bytes and written 398 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.20.45.148
Connect Time	26.42 ms
TTFB	140.92 ms
Total Time	141.05 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 12 Jun 2026 17:03:26 GMT",
  "2": "Server: Apache",
  "3": "Location: https://viewqwest.com.my/",
  "4": "Content-Type: text/html; charset=iso-8859-1",
  "6": "HTTP/2 301",
  "7": "strict-transport-security: max-age=31536000",
  "8": "x-content-type-options: nosniff",
  "9": "location: https://viewqwest.com/my/",
  "10": "content-type: text/html; charset=iso-8859-1",
  "11": "date: Fri, 12 Jun 2026 17:03:26 GMT",
  "12": "server: Apache",
  "14": "HTTP/2 200",
  "15": "date: Fri, 12 Jun 2026 17:03:26 GMT",
  "16": "content-type: text/html",
  "17": "strict-transport-security: max-age=63072000",
  "18": "x-content-type-options: nosniff",
  "19": "last-modified: Fri, 12 Jun 2026 10:54:38 GMT",
  "20": "vary: Accept-Encoding",
  "21": "speculation-rules: \"/cdn-cgi/speculation\"",
  "22": "access-control-allow-origin: *",
  "23": "server: cloudflare",
  "24": "cf-cache-status: DYNAMIC",
  "25": "cf-ray: a0aa6dd0b8959fbc-SIN"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.20.45.148
Connect Time	16.7 ms
TTFB	108.11 ms
Total Time	108.19 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "strict-transport-security: max-age=31536000",
  "2": "x-content-type-options: nosniff",
  "3": "location: https://viewqwest.com/my/",
  "4": "content-type: text/html; charset=iso-8859-1",
  "5": "date: Fri, 12 Jun 2026 17:03:26 GMT",
  "6": "server: Apache",
  "8": "HTTP/2 200",
  "9": "date: Fri, 12 Jun 2026 17:03:26 GMT",
  "10": "content-type: text/html",
  "11": "strict-transport-security: max-age=63072000",
  "12": "x-content-type-options: nosniff",
  "13": "last-modified: Fri, 12 Jun 2026 10:54:38 GMT",
  "14": "vary: Accept-Encoding",
  "15": "speculation-rules: \"/cdn-cgi/speculation\"",
  "16": "access-control-allow-origin: *",
  "17": "server: cloudflare",
  "18": "cf-cache-status: DYNAMIC",
  "19": "cf-ray: a0aa6dd17a02ce11-SIN"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	000 0.000000 0.000000
TCP Connect IPv4 → port 443	301 0.009232 0.039754

Test Node Network Evidence

Node Profile	dual stack
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Egress Connectivity

IPv4 Egress	76.13.221.142
IPv6 Egress	2a02:4780:5e:2789::1

Sysctl IPv6 Flags

net.ipv6.conf.all.disable_ipv6	0
--------------------------------	---

IPv6 Routes

```
2a02:4780:5e::/48 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
default via 2a02:4780:5e::1 dev eth0 proto static metric 1024 pref medium
```

IPv4 Routes

```
default via 76.13.221.254 dev eth0 proto static
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```